

Methamphetamine Health- Based Target Remediation (Cleanup) Standard

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Public Workshop

January 8, 2008 - Sacramento

January 16, 2008 - Fresno

January 29, 2008 - Carlsbad

Meth Cleanup Standard

DTSC Draft Recommendation Based on

- OEHHA's risk (health)-based remediation standard for methamphetamine
 - Finalized documents for the meth health-based cleanup standard
- Risk management decision
 - Public feedback
 - How to meet the health-based cleanup standard

Meth Cleanup Standard

OEHHA Recommended Standard
Contingent on:

- Completing the scientific review process
 - External scientific peer review
 - Public comments
 - Response to external peer review and public comments

How Are Other States Dealing with Meth Lab Remediation?

- Many names
 - Decontamination Standard, Policy Standard, Cleanup Standard
- Both enforceable and nonenforceable
 - Statutes, regulations, policy, guidance
- Range of cleanup standards or guidelines
 - 0.5 ug/sq. ft. (about 0.05 ug/100 sq. cm.)
 - 0.1 ug/100 sq. cm. (about 1 ug/sq. ft.)
 - 0.5 ug/100 sq. cm.

How Are Other States Dealing with Meth Lab Remediation? (cont.)

Post Decontamination Sampling and Analyses

- Not required (voluntary – peace of mind)
 - Reoccupancy is Cleanup Process Driven
 - Prescriptive standard
 - Usually cleanup standard is guidance
 - Follow and meet Best Management Practices for meth lab decontamination

How Are Other States Dealing with Meth Lab Remediation? (cont.)

Post Decontamination Sampling and Analyses (cont.)

■ Required

- Performance standard
- Objectives can differ
 - decontamination has occurred
 - meeting the cleanup standard

How Are Other States Dealing with Meth Lab Remediation? (cont.)

Post Remediation Sampling Strategies

- Sample and meet cleanup standard before encapsulation or painting
- Sample after encapsulation or painting
- Clear by functional spaces, individual rooms or by amount of surface area
- Discrete sampling

How Are Other States Dealing with Meth Lab Remediation? (cont.)

Post Remediation Sampling Strategies (cont.)

- Composite sampling allowed
 - Potential dilution when compositing individual samples is considered in determining whether the composite sample meets the cleanup level

(Colorado Department of Public Health)

Adopting a CA Meth Cleanup Standard: Objectives

- Replace statutory standards with health-based standard
- Meet the health-based cleanup standard through sampling and analysis

DTSC Requests Feedback on Meeting the Meth Health-Based Target Remediation Standard

Post Decontamination Sampling and Analysis

- Sampling Techniques
- Sampling Strategy
- Analytical Methods
 - Field
 - Laboratory

Feedback Requested

Sampling Techniques

- Wipe solvent

- Water
- Methanol
- Isopropanol

- Vacuum

- Porous surfaces

- Wiping motion

- Circular
- Z Motion
- S Motion

- Others

Feedback Requested

Sampling Strategy

- Discrete vs. Composite
- Random vs. Biased
 - Simple Random
 - Stratified Random
- Number of samples
 - Discrete vs. Composite
- Sample by functional area vs. surface area
- Others

Feedback Requested

Analytical Methods

- Detection Level
- Field methods
 - Immunoassay - SKC
 - Confirmation necessary?
- Laboratory analytical methods
 - NIOSH 9106 (Draft)
 - GCMS
- Others

Feedback Requested

Other Topics:

- Guidance
- Policy
- Regulations
- Statute
- Local Ordinance
- Others

Next Steps: Risk Assessment

OEHHA

- Comments due to OEHHA Feb 29, 2008
- Response to public comments and to external peer review
 - Nonsubstantive changes: Change the reference dose or risk assessment document and place response to comments into an appendix. Post for second public comment period
 - Substantive changes: Explain changes and post for second public comment period

Next Steps: Risk Management

DTSC

- Feedback requested by Feb 29, 2008
 - E mail cyep@dtsc.ca.gov
- Evaluate feedback in light of any changes proposed during OEHHA's risk assessment process
- Propose Meth Health-Based Target Remediation Standard

Send DTSC Feedback to:

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